



CIC-D300

CIC-D300 is a kind of ion chromatograph with dual-channel system design. It has stable performance and powerful function. The workstation of the observatory realizes the integration of the two-channel workstation, which is easy and fast to operate and doubles the work efficiency.

One machine can meet the detection requirements of environment, food, chemical industry, electric power, disease control, electronics, mining and metallurgy and other fields.

Technology Advantage:

- Cation and anion dual-channel system, with both channels operating independently without disturbing each other. It can realize the simultaneous detection of anions and cations;
- Eluent thermal buffer system in which eluent enters into the columns after preheated, to avoid bubbles generated from rapid heating;
- Intelligent flow path mode, one-key operation to complete flow path switch, automatic cleaning to save time and labor;
- Built-in low-pressure degassing technology to eliminate bubble interference for more stability;
- The world's leading full-range series of chromatographic columns able to detect of ions with varied compositions.

Technical Parameter:

Pump

Maximum Pressure: 35 MPa(PEEK)
 Pressure Display Accuracy: ≤ 0.1 MPa
 Flow Rate Range: 0.001~9.999mL/min

Built-in Eluent Generator

Eluent Types :KOH/NaOH/MSA
 Eluent Concentration Range : 0.1-100mM
 Concentration Increment: 0.1mM
 Flow Rate Range: 0.1-3.0mL/min
 Pressure:5MPa-20MPa

Conductivity Detector

Cell Volume: ≤ 0.8 μ L
 Detection Range:0~50000 μ S/cm
 Detection Resolution: ≤ 0.0020 nS/cm
 Electronic Noise:0.02nS
 Temperature Range:Room temperature+5~60°C(41 ~140°F)
 Maximum Pressure:10.0MPa

Power Requirements:350W
 Dimensions(L*W*H*):500*500*760(mm)
 Net Weight(KG): 48
 Gross Weight(KG):73